



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

OHIO, North

OHZ011-013-020>021 Cuyahoga - Geauga - Medina - Summit

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|------|--|------------|
| 06 | 0600EST 2100EST | | | | 0 | 0 | 325K | | Heavy Snow |
|----|--------------------|--|--|--|---|---|------|--|------------|

Cold northerly winds blowing across Lake Erie caused bands of lake effect snow to develop during the morning. The snow intensified during the afternoon and finally dissipated during the evening. Maximum snowfall totals ranged from 8 to 9 inches in Cuyahoga, Medina and Summit Counties to 10 inches in Geauga County.

OHZ030

Ashland

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-----|--|------------|
| 10 | 1300EST | | | | 0 | 0 | 25K | | Heavy Snow |
| 11 | 0000EST | | | | | | | | |

Arctic air moving across Lake Erie caused lake effect snow showers to develop around midday. Between 6 and 7 inches of snow was reported across inland sections of Ashtabula County by late evening.

OHZ012-014

Lake - Ashtabula

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|------|--|------------|
| 15 | 0000EST 1900EST | | | | 0 | 0 | 150K | | Heavy Snow |
|----|--------------------|--|--|--|---|---|------|--|------------|

Cold westerly winds blowing across Lake Erie caused lake effect snow showers to develop around midnight. These snow showers intensified during the morning hours and continued through the afternoon. This activity finally dissipated during the evening hours. Total accumulations ranged from 6 to 8 inches in western Lake County to around a foot in eastern Lake County and northern Ashtabula County. Wind gusts as high as 25 mph caused some blowing and drifting with visibilities reduced to near zero at times.

OHZ010>014

Lorain - Cuyahoga - Lake - Geauga - Ashtabula

| | | | | | | | | | |
|----|---------|--|--|--|---|---|------|--|------------|
| 26 | 0200EST | | | | 0 | 0 | 325K | | Heavy Snow |
| 27 | 0200EST | | | | | | | | |

Cold north to northwest winds blowing across Lake Erie caused lake effect snow showers to develop during the early morning hours. These snow showers intensified after daybreak and persisted through the evening hours. Snowfall totals ranged from 6 to 9 inches across Lorain, Cuyahoga, Lake, Geauga and northern Ashtabula Counties. Most of the accumulation occurred during the late morning and early afternoon hours.

PENNSYLVANIA, Northwest

PAZ002>003

Southern Erie - Crawford

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-----|--|------------|
| 10 | 1300EST | | | | 0 | 0 | 60K | | Heavy Snow |
| 11 | 1300EST | | | | | | | | |

Arctic air moving across Lake Erie caused lake effect snow showers to develop around midday. Accumulations of 6 to 9 inches were reported across inland sections of Erie County and northern portions of Crawford County by late evening.

PAZ001

Northern Erie

| | | | | | | | | | |
|----|---------|--|--|--|---|---|------|--|------------|
| 11 | 0200EST | | | | 0 | 0 | 150K | | Heavy Snow |
| 12 | 0100EST | | | | | | | | |

After a brief lull, lake effect snow activity picked up again during the early morning hours as cold winds blowing across Lake Erie became more westerly. The snow peaked in intensity during the middle part of the day. Westerly winds gusting to 30 mph caused considerable blowing and drifting and up to 10 inches of snow fell along the Erie County lakeshore during the day. Officially, 9.2 inches of snow was recorded at Erie International Airport. 6.6 inches of this total fell between daybreak and 1 pm.

PAZ002

Southern Erie

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|------|--|------------|
| 15 | 0000EST 1900EST | | | | 0 | 0 | 100K | | Heavy Snow |
|----|--------------------|--|--|--|---|---|------|--|------------|



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Storm Data and Unusual Weather Phenomena



January 2003

| Location | Date | Time | Path | Path | Number of | | Estimated | | Character of Storm |
|----------|------|--------------------|-------------------|------------------|-----------|---------|-----------|-----------------|--------------------|
| | | Local/ Standard | Length (Miles) | Width (Yards) | Killed | Injured | Property | Damage Crops | |

PENNSYLVANIA, Northwest

Cold westerly winds blowing across Lake Erie caused lake effect snow showers to develop around midnight. These snow showers intensified during the morning hours and continued through the afternoon. This activity finally dissipated during the evening hours. As much as a foot of snow fell in southern Erie County by early afternoon. Total accumulations of up to 18 inches were reported. Wind gusts as high as 25 mph caused considerable blowing and drifting with visibilities reduced to near zero at times.

PAZ001

Northern Erie

| | | | | | |
|----|--------------------|---|---|-----|------------|
| 26 | 0100EST 1700EST | 0 | 0 | 35K | Heavy Snow |
|----|--------------------|---|---|-----|------------|

Cold north to northwest winds blowing across Lake Erie caused lake effect snow showers to develop during the early morning hours. These snow showers intensified after daybreak and persisted into the early evening hours. Snowfall totals in northern Erie County ranged from 5 to 7 inches with most areas seeing at least 6 inches of accumulation. Most of the accumulation occurred during the late morning and early afternoon hours.